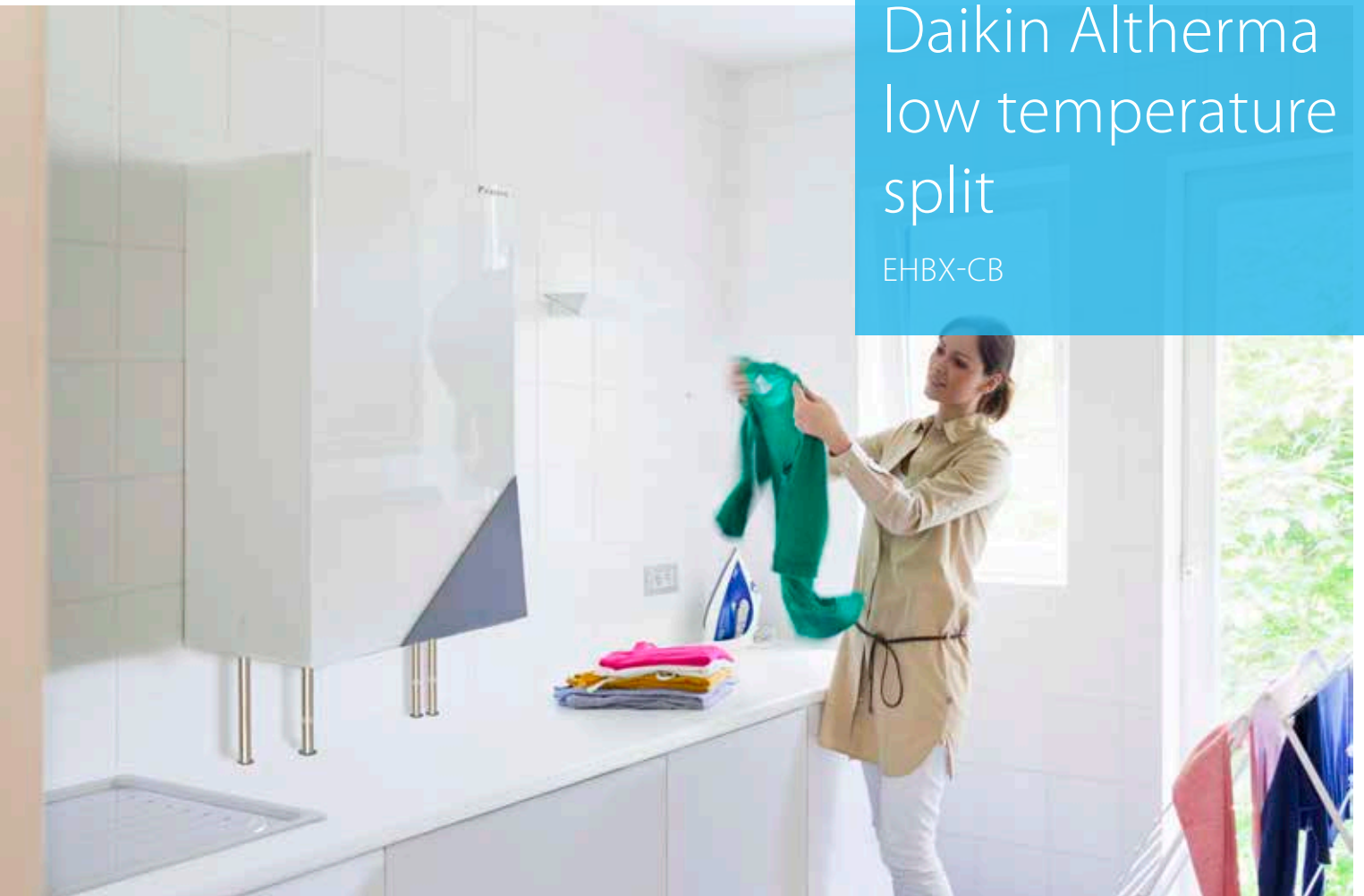


# Daikin Altherma low temperature split

EHBX-CB



Guaranteed  
operation  
down to -25°C

## Wall mounted reversible air to water heat pump ideal for low energy houses

- › Perfect fit for new built as well as for low energy houses
- › Best seasonal efficiencies, providing the highest savings on running costs
- › Wall mounted indoor unit
- › Energy efficient heating and cooling system based on air to water heat pump technology
- › Flexible configuration with respect to heat emitters
- › Possible to combine with domestic hot water
- › Outdoor unit extracts heat from the outdoor air, even at -25°C

# EHBX-CB + ERLQ-CV3/CW1



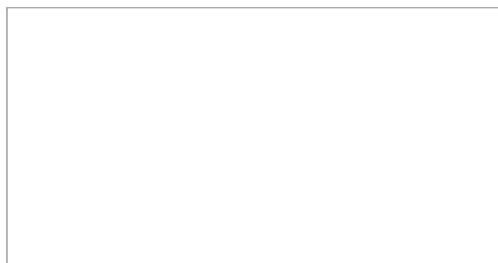
Efficiency data		EHBX-CB + ERLQ	04CB3V + 004CV3	08CB3V / 08CB9W + 006CV3	08CB3V / 08CB9W + 008CV3	11CB3V / 11CB9W + 011CV3	14CB3V / 14CB9W + 014CV3	16CB3V / 16CB9W + 016CV3	11CB3V / 11CB9W + 011CW1	16CB3V / 16CB9W + 014CW1	16CB3V / 16CB9W + 016CW1		
Heating capacity	Min.	kW		1.80 (1) / 1.80 (2)			-						
	Nom.	kW		4.40 (1) / 4.03 (2)	6.00 (1) / 5.67 (2)	7.40 (1) / 6.89 (2)	11.2 (1) / 11.00 (2)	14.5 (1) / 13.60 (2)	16 (1) / 15.20 (2)	11.2 (1) / 11.00 (2)	14.5 (1) / 13.60 (2)	16 (1) / 15.20 (2)	
	Max.	kW		5.12 (1) / 4.90 (2)	8.35 (1) / 7.95 (2)	10.02 (1) / 9.53 (2)	8.6 (3) / 8.60 (4)	10.6 (3) / 10.80 (4)	11.4 (3) / 10.90 (4)	8.6 (3) / 8.60 (4)	10.6 (3) / 10.80 (4)	11.4 (3) / 10.90 (4)	
Cooling capacity	Min.	kW		2.00 (1) / 2.00 (2)			-						
	Nom.	kW		4.08 (1) / 4.17 (2)	5.88 (1) / 4.84 (2)	6.20 (1) / 5.36 (2)	12.13 (1) / 11.72 (2)	12.72 (1) / 12.55 (2)	13.79 (1) / 13.12 (2)	12.13 (1) / 11.72 (2)	12.72 (1) / 12.55 (2)	13.79 (1) / 13.12 (2)	
Power input	Heating	Nom.	kW		0.87 (1) / 1.13 (2)	1.27 (1) / 1.59 (2)	1.66 (1) / 2.01 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)	2.43 (1) / 3.10 (2)	3.37 (1) / 4.10 (2)	3.76 (1) / 4.66 (2)
		Max.	kW		-			3.13 (3) / 4.10 (4)	4.00 (3) / 5.19 (4)	4.32 (3) / 5.22 (4)	3.13 (3) / 4.10 (4)	4.00 (3) / 5.19 (4)	4.32 (3) / 5.22 (4)
	Cooling	Nom.	kW		0.90 (1) / 1.80 (2)	1.51 (1) / 2.07 (2)	1.64 (1) / 2.34 (2)	3.05 (1) / 4.31 (2)	3.21 (1) / 5.08 (2)	3.74 (1) / 5.73 (2)	3.05 (1) / 4.31 (2)	3.21 (1) / 5.08 (2)	3.74 (1) / 5.73 (2)
		Max.	kW		-			4.6 (1) / 2.75 (3) / 3.55 (2) / 2.10 (4)	4.3 (1) / 2.65 (3) / 3.32 (2) / 2.08 (4)	4.25 (1) / 2.64 (3) / 3.26 (2) / 2.09 (4)	4.6 (1) / 2.75 (3) / 3.55 (2) / 2.10 (4)	4.3 (1) / 2.65 (3) / 3.32 (2) / 2.08 (4)	4.25 (1) / 2.64 (3) / 3.26 (2) / 2.09 (4)
Nominal efficiency	COP				5.04 (1) / 3.58 (2)	4.74 (1) / 3.56 (2)	4.45 (1) / 3.42 (2)	4.6 (1) / 2.75 (3) / 3.55 (2) / 2.10 (4)	4.3 (1) / 2.65 (3) / 3.32 (2) / 2.08 (4)	4.25 (1) / 2.64 (3) / 3.26 (2) / 2.09 (4)	4.6 (1) / 2.75 (3) / 3.55 (2) / 2.10 (4)	4.3 (1) / 2.65 (3) / 3.32 (2) / 2.08 (4)	4.25 (1) / 2.64 (3) / 3.26 (2) / 2.09 (4)
	EER				4.55 (1) / 2.32 (2)	3.89 (1) / 2.34 (2)	3.79 (1) / 2.29 (2)	3.98 (1) / 2.72 (2)	3.96 (1) / 2.47 (2)	3.69 (1) / 2.29 (2)	3.98 (1) / 2.72 (2)	3.96 (1) / 2.47 (2)	3.69 (1) / 2.29 (2)

Indoor unit		EHBX	04CB3V	08CB3V / 08CB9W	11CB3V / 11CB9W	16CB3V / 16CB9W	11CB3V / 11CB9W	16CB3V / 16CB9W
Casing	Colour	White						
	Material	Precoated sheet metal						
Dimensions	Unit	HeightxWidthxDepth	mm					
			890x480x344					
Weight	Unit	kg	42	44	43	44	43	44
Sound power level	Cooling	dB(A)	40			-		
Sound pressure level	Cooling	Nom. dB(A)	26			-		

Outdoor unit		ERLQ	004CV3	006CV3	008CV3	011CV3	014CV3	016CV3	011CW1	014CW1	016CW1	
Dimensions	Unit	HeightxWidthxDepth	735x832x307			1,345x900x320						
Weight	Unit	kg	54	56		113			114			
Operation range	Heating	Ambient	Min.-Max.	°CDB		-25~25			-25~35			
	Cooling	Ambient	Min.-Max.	°CWB		10~43			10~46			
	Domestic hot water	Ambient	Min.-Max.	°CWB		-25~35			-20~35			
Refrigerant	Type / GWP	R-410A / 2,087.5										
	Charge	kg / TCO <sub>2</sub> Eq	1.45 / 3.0		1.6 / 3.3		3.4 / 7.1					
Sound power level	Cooling	dB(A)	61		62		64		66		66	
	Heating	dB(A)	63		64		66		69		69	
Sound pressure level	Cooling	Nom./Silent operation	dB(A)		48		49		51		52	
	Heating	Nom.	dB(A)		48		49		50		54	
Power supply	Phase / Frequency / Voltage	Hz / V	V3/1~/50/230									
Current - 50Hz	Maximum fuse amps (MFA)	A	20			40			20			

(1) Condition 1: cooling Ta 35°C - LWE 18°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 35°C (DT = 5°C) (2) Condition 2: cooling Ta 35°C - LWE 7°C (DT = 5°C); heating Ta DB/WB 7°C/6°C - LWC 45°C (DT = 5°C) (3) Condition 3: heating Ta DB -7°C (RH85%) - LWC 35°C (4) Condition 4: heating Ta DB -7°C (RH85%) - LWC 45°C | Contains fluorinated greenhouse gases

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